CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the Urited States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

			•		
		SECRET SECURITY INFORMATION	·		25X
OUNTRY	USSR		REPORT		
SUBJECT	Soviet Capabil		DATE DISTR.	21 October 19	953
	Development of	Cathode-Ray Tubes	NO. OF PAGES	3	,
ATE OF INF	o.		REQUIREMENT	2	25 X 1
LACE ACQUI	RED		REFERENCES	25	5X1
€	THE SC	OURCE EVALUATIONS IN THIS REP THE APPRAISAL OF CONTENT IS (FOR KEY SEE REVERSE	TENTATIVE.		25 X ′
1.					
1.					
1.	The Soviets are m	naking many types of ca	athode-ray tubes, such	as, for TV and	
1.	The Soviets are m	making many types of co	athode-ray tubes, such	n as, for TV and	
2.	The Soviets are moscilloscopes for	making many types of comeasuring equipment	athode-ray tubes, such	n as, for TV and	
	The Soviets are moscilloscopes for	making many types of ca measuring equipment	athode-ray tubes, such	n as, for TV and	
	oscilloscopes for	measuring equipment	ehind the Western Powe	ers. For instance	2
	oscilloscopes for	measuring equipment they are a few years be	ehind the Western Powe	ers. For instance	
	the Soviets make	they are a few years be cathode-ray tubes with this for years. In raceristics, including type	ehind the Western Powe hout ion traps, where lio receiver tubes the numbers for many yea	ers. For instance as the Western e Soviets have cop ars.	
	the Soviets make Powers have had t	they are a few years be cathode-ray tubes with this for years. In raceristics, including typ.	ehind the Western Powe hout ion traps, where lio receiver tubes the e numbers for many yes g to develop their own	ers. For instance as the Western e Soviets have cop ars.	
	the Soviets make Powers have had t	they are a few years be cathode-ray tubes with this for years. In raceristics, including type	ehind the Western Powe hout ion traps, where lio receiver tubes the e numbers for many yes g to develop their own	ers. For instance as the Western e Soviets have cop ars.	
	the Soviets make Powers have had t	they are a few years be cathode-ray tubes with this for years. In raceristics, including typ.	ehind the Western Powe hout ion traps, where lio receiver tubes the e numbers for many yes g to develop their own	ers. For instance as the Western e Soviets have cop ars.	
2.	the Soviets make Powers have had t the same characte it will be a few	they are a few years be cathode-ray tubes with this for years. In raperistics, including type The Soviets are trying years before they can	ehind the Western Power hout ion traps, where hio receiver tubes the numbers for many years to develop their own accomplish this.	ers. For instance as the Western e Soviets have cop ars. n tubes but	ied
2.	the Soviets make Powers have had t the same characte it will be a few	they are a few years be cathode-ray tubes with this for years. In raceristics, including type. The Soviets are trying years before they can ion trap is the most second	chind the Western Power hout ion traps, wherea hio receiver tubes the numbers for many years to develop their own accomplish this.	ers. For instance as the Western e Soviets have cop ars. n tubes but	ied
2.	the Soviets make Powers have had t the same characte it will be a few	they are a few years be cathode-ray tubes with this for years. In raperistics, including type The Soviets are trying years before they can	chind the Western Power hout ion traps, wherea hio receiver tubes the numbers for many years to develop their own accomplish this.	ers. For instance as the Western e Soviets have cop ars. n tubes but	ied
2.	the Soviets make Powers have had t the same characte it will be a few	they are a few years be cathode-ray tubes with this for years. In raceristics, including type. The Soviets are trying years before they can ion trap is the most second	chind the Western Power hout ion traps, where hout ion traps, where he numbers for many years to develop their own accomplish this. erious handicap. The uality.	ers. For instance as the Western e Soviets have cop ars. n tubes but	ied

25 YEAR RE-REVIEW, dicated By "X"; Field Distribution By "#".)

		SECRET		25)
		-2-		
125	ис	shortages of mate		e used in
the m	ake-up of cathode-ray tul	bes. The end product 1	s good.	
	not	good enough in the saw		- 1
tubes.	but in research and deve	good enough in the many elopment they do have so	ome talent	RThode=PAV
	types (of cathode-ray tubes und	lergoing resear	ch and
develo	pment, or which have alre	eadv been develened		
				•
a. 17 b. 23	LK 1 B T.V. tube (17 cm) LK 1 B T. V. tube (23 cm)) n)		
c. 30	LK 1 B T, V. tube (30 cm	i)		25>
	Magnetic coil focusing developed with five in	g and magnetic deflection ach diameter (face) and	on are new tuber electrostatic (being deflection.
(2)			;	
	Their tubes do not hav they have developed it	re an ion trap, but perh	aps by now (Mai	rch 1953)
	THEY HAVE GEVETODED IT	·		:
(<u>Ě</u>)	they have developed it			
(<u>š</u>)		on did affect the sensi	tivity at that	time (1950)
			tivity at that	time (1950)
	Electrostatic deflecti	nensions	tivity at that	time (1950)
	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6) (7)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6) (7)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6) (7)	Electrostatic deflecti	nensions	tivity at that	time (1950)
(4) (5) (6) (7)	Electrostatic deflecti	nensions	tivity at that	time (1950)

1.50		SECRET		25)
,. <u>.</u>		· · · · · · · · · · · · · · · · · · ·		- N
			Dr. Schiller	is
prese	ently (March 1953) wor	rking in the East Sector,	Berlin, and is a dire	ctor at
0.5.1	W., in the developmen	nt of cathode-ray tubes.	He worked in Leningra	or sir
	the Son	viets today could meet any	specifications for c	atnode-r
tubes	s and radio receiver t	on line products. For i	nstance. the image Or	rirst mo
only	and not for production	on line products. For i	nstance, the image Or	thicon

SECRET